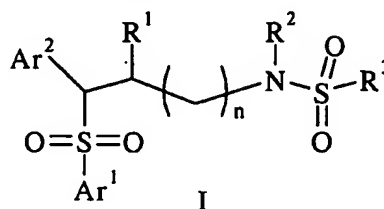


### Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

### Listing of Claims

Claim 1 (Original) A compound of formula I:



where n is 2, 3 or 4;

Ar<sup>1</sup> represents phenyl or heteroaryl, either of which bears 0-3 substituents independently selected from halogen, CN, NO<sub>2</sub>, CF<sub>3</sub>, CHF<sub>2</sub>, OH, OCF<sub>3</sub>, C<sub>1-4</sub>alkoxy or C<sub>1-4</sub>alkyl which optionally bears a substituent selected from halogen, CN, NO<sub>2</sub>, CF<sub>3</sub>, OH and C<sub>1-4</sub>alkoxy;

Ar<sup>2</sup> represents phenyl or heteroaryl, either of which bears 0-3 substituents independently selected from halogen, CN, NO<sub>2</sub>, CF<sub>3</sub>, CHF<sub>2</sub>, OH, OCF<sub>3</sub>, C<sub>1-4</sub>alkoxy or C<sub>1-4</sub>alkyl which optionally bears a substituent selected from halogen, CN, NO<sub>2</sub>, CF<sub>3</sub>, OH and C<sub>1-4</sub>alkoxy;

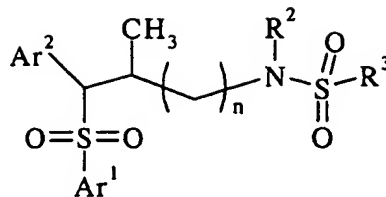
R<sup>1</sup> represents C<sub>1-4</sub>alkyl, or together with R<sup>2</sup> completes a pyrrolidine, piperidine or homopiperidine ring;

R<sup>2</sup> represents H or C<sub>1-6</sub>alkyl which optionally bears a substituent selected from halogen, CN, NO<sub>2</sub>, CF<sub>3</sub>, OH and C<sub>1-4</sub>alkoxy; or together with R<sup>1</sup> completes a pyrrolidine, piperidine or homopiperidine ring; or together with R<sup>3</sup> completes a tetrahydroisothiazole-1,1-dioxide ring; and

R<sup>3</sup> represents phenyl, naphthyl or heteroaryl, any of which may bear up to 3 substituents selected from halogen, CN, NO<sub>2</sub>, CF<sub>3</sub>, CHF<sub>2</sub>, OH, OCF<sub>3</sub>, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxycarbonyl, C<sub>2-6</sub>acyl, C<sub>2-6</sub>acyloxy, C<sub>2-6</sub>acylamino, amino, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino or C<sub>1-4</sub>alkyl which optionally bears a substituent selected from halogen, CN, NO<sub>2</sub>, CF<sub>3</sub>, OH and C<sub>1-4</sub>alkoxy; or R<sup>3</sup> represents CF<sub>3</sub> or a non-aromatic hydrocarbon group of up to 6 carbon atoms optionally bearing one substituent selected from halogen, CN, CF<sub>3</sub>, OH, OCF<sub>3</sub>, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxycarbonyl, C<sub>2-6</sub>acyl, C<sub>2-6</sub>acyloxy, C<sub>2-6</sub>acylamino, amino, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino or phenyl, naphthyl or heteroaryl, any of which may bear up to 3 substituents selected from halogen, CN, NO<sub>2</sub>, CF<sub>3</sub>, CHF<sub>2</sub>, OH, OCF<sub>3</sub>, C<sub>1-4</sub>alkoxy, C<sub>1-4</sub>alkoxycarbonyl, C<sub>2-6</sub>acyl, C<sub>2-6</sub>acyloxy, C<sub>2-6</sub>acylamino, amino, C<sub>1-4</sub>alkylamino, di(C<sub>1-4</sub>alkyl)amino or C<sub>1-4</sub>alkyl which optionally bears a substituent selected from halogen, CN, NO<sub>2</sub>, CF<sub>3</sub>, OH and C<sub>1-4</sub>alkoxy; or R<sup>3</sup> together with R<sup>2</sup> completes a tetrahydroisothiazole-1,1-dioxide ring;

or a pharmaceutically acceptable salt thereof.

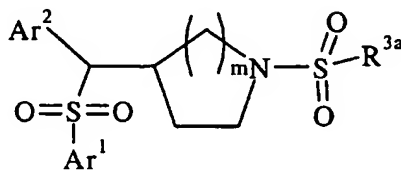
Claim 2 (Original) A compound according to claim 1 of formula II:



II

where n, Ar¹, Ar², R² and R³ are as defined in claim 1;  
or a pharmaceutically acceptable salt thereof.

Claim 3 (Original) A compound according to claim 1 of formula III:



III

wherein m is 1, 2 or 3;

R³ᵃ represents R³ which does not form a ring with R²;

and Ar¹, Ar² and R³ are as defined in claim 1;

or a pharmaceutically acceptable salt thereof.

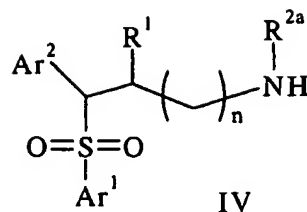
Claim 4 (Amended) A compound according to ~~any previous claim 1~~ wherein Ar¹ is 4-chlorophenyl or 4-trifluoromethylphenyl and Ar² is 2,5-difluorophenyl.

Claim 5 (Amended) A pharmaceutical composition comprising a compound according to ~~any previous claim 1~~, or a pharmaceutically acceptable salt thereof, and a pharmaceutically acceptable carrier.

Claims 6-7 (Canceled)

~~Claim 8~~ (Amended) A method of treatment of a subject suffering from ~~or prone to a condition associated with the deposition of β-amyloid~~ <sup>Alzheimer's Disease</sup> which comprises administering to that subject an effective amount of a compound according to ~~any of claims 1-4~~ claim 1 or a pharmaceutically acceptable salt thereof.

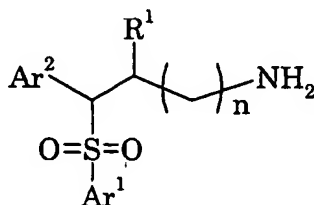
~~Claim 9~~ (Original) A method of preparing a compound according to claim 1 in which R² does not form a ring with R³ comprising reaction of an amine (IV) with R³ᵃ-SO₂Cl:



where  $R^{2a}$  represents  $R^2$  which does not complete a ring with  $R^3$ ,

$R^{3a}$  represents  $R^3$  which does not complete a ring with  $R^2$ , and  $n$ ,  $Ar^1$ ,  $Ar^2$ ,  $R^1$ ,  $R^2$  and  $R^3$  are as defined in claim 1.

~~8~~  
Claim 10 (Original) A method of preparing a compound according to claim 1 in which  $R^2$  and  $R^3$  together complete a tetrahydroisothiazole-1,1-dioxide comprising reaction of an amine:



where  $n$ ,  $Ar^1$ ,  $Ar^2$  and  $R^1$  are as defined in claim 1, with  $L-(CH_2)_3-SO_2Cl$  where  $L$  represents a leaving group, followed by intramolecular alkylation of the resulting sulphonamide nitrogen.